



SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: UNITED COATINGS ROOF MATE WOB FLASHING

TRADE NAME: NA

MANUFACTURER: GAF

ADDRESS: 1 Campus Drive, Parsippany, NJ 07054

24 HOUR EMERGENCY PHONE: (CHEMTREC) 800-424-9300

INFORMATION ONLY: 800-766-3411



PREPARED BY: Corporate EHS

APPROVED BY: Corporate EHS

GHS LABEL ELEMENTS:

SECTION 2: HAZARDS IDENTIFICATION

NFPA and HMIS RATINGS:

	NFPA Hazard Rating		HMIS Hazard Rating
	1		1
<i>Health</i>	0	<i>Health</i>	0
<i>Flammable</i>	0	<i>Flammable</i>	0
<i>Reactive</i>	0	<i>Reactive</i>	0
Special Hazards	-	Personal Protection	X

GHS LABEL ELEMENTS:

GHS CLASSIFICATION: Eye Irritant - Category 2
Skin Irritant - 2

GHS PICTOGRAMS:



SIGNAL WORD: Warning

HAZARD STATEMENTS: Causes skin irritation.
Causes eye irritation.

PRECAUTIONARY STATEMENTS: Wash thoroughly after handling.
Wear protective gloves / eye protection / face protection.
If on skin: Wash with plenty of water.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lens if present and easy to do.
Continue rinsing.
Specific treatment (see on this label).
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.

PRIMARY ROUTE OF EXPOSURE: Skin contact, eye contact, ingestion and inhalation.

SIGNS & SYMPTOMS OF EXPOSURE

EYES: Causes eye irritation.

SKIN: Causes skin irritation.

INGESTION: Ingestion may cause gastric disturbances.

INHALATION: May cause respiratory tract irritation.

ACUTE HEALTH HAZARDS: Eye and skin irritation.

CHRONIC HEALTH HAZARDS: Eye and skin irritation.

CARCINOGENICITY: Titanium Dioxide is classified as a 2B carcinogen (possibly carcinogenic to humans) by the International Agency for Research on Cancer (IARC).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Aluminum Trihydrate	21645-51-2	35 – 45	5 mg/m ³ – resp. 15 mg/m ³ – total	3 mg/m ³ – resp. 10 mg/m ³ – total	REL: 5 mg/m ³ – resp., 10 mg/m ³ – total
Titanium Dioxide	13463-67-7	2 – 10	15 mg/m ³ – total	10 mg/m ³ – total	REL: lowest feasible concentration
Zinc Oxide	1314-13-2	2 – 10	5 mg/m ³ – resp. 15 mg/m ³ – total	2 mg/m ³ – resp. 10 mg/m ³ – resp. STEL	REL: 5 mg/m ³ , 15 mg/m ³ – ceiling

Propylene Glycol	57-55-6	2 – 10	NE	NE	NE
Non-Hazardous Ingredients	NA	45 - 55	NE	NE	NE

NE = Not Established

SECTION 4: HAZARDS IDENTIFICATION

PRIMARY ROUTE OF EXPOSURE: Skin contact, Eye Contact, and Inhalation.

SIGNS & SYMPTOMS OF EXPOSURE

EYES: Causes eye irritation.

SKIN: Causes skin irritation.

INGESTION: Ingestion may cause gastric disturbances.

INHALATION: May cause respiratory tract irritation.

ACUTE HEALTH HAZARDS: Eye and skin irritation.

CHRONIC HEALTH HAZARDS: Eye and skin irritation.

CARCINOGENICITY: Titanium Dioxide is classified as a 2B carcinogen (possibly carcinogenic to humans) by the International Agency for Research on Cancer (IARC).

SECTION 5: FIRST AID MEASURES

FIRST AID PROCEDURES

EYES: Flush with copious amounts of water for at least 15 minutes. If irritation develops, seek medical attention.

SKIN: Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

INHALATION: Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.

INGESTION: Immediately rinse mouth and then drink plenty of water, do not induce vomiting, seek medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

NOTES TO PHYSICIANS OR Remove contaminated clothing. Symptomatic treatment

FIRST AID PROVIDERS: (decontamination, vital functions).

SECTION 6: FIRE FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA: Water Spray, Foam, Dry powder

HAZARDOUS COMBUSTION PRODUCTS: None known

RECOMMENDED FIRE FIGHTING PROCEDURES: Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

UNUSUAL FIRE & EXPLOSION HAZARDS: Product is non combustible.

ADDITIONAL INFORMATION: Dispose of fire debris and contaminated extinguisher water in accordance with applicable regulations.

SECTION 7: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Dam up area to prevent spreading. Caution – area will be slippery. Use absorbent material to dry up the compound. Provide ventilation in closed areas.

SECTION 8: HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a well ventilated area at 50 – 80°F.

OTHER PRECAUTIONS: Protect from freezing.

ENGINEERING CONTROLS / VENTILATION: Handle in accordance with good industrial hygiene and safety practice. No special measures necessary provided product is used correctly. Ensure adequate ventilation.

SECTION 9: EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: Wear a NIOSH approved organic vapor/particulate respirator as needed. Wear respiratory protection of ventilation is inadequate.

EYE PROTECTION: Safety goggles or safety glasses with side shields.

SKIN PROTECTION: Use chemical resistant gloves.

OTHER PROTECTIVE EQUIPMENT: Long sleeve shirts, apron or lab coat are recommended when handling this product.

WORK HYGIENIC PRACTICES: Hands and/or face should be washed before breaks and at the end of the a work shift. Avoid contact with skin and eyes.

SECTION10: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:	White paste with faint ammonia odor		
FLASH POINT:	Not Applicable	LOWER EXPLOSIVE LIMIT:	Not Applicable
METHOD USED:	Not Applicable	UPPER EXPLOSIVE LIMIT:	Not Applicable
EVAPORATION RATE:	1.0	BOILING POINT:	212° F
pH (undiluted product):	9.5-11	MELTING POINT:	No Data
SOLUBILITY IN WATER:	Dilutable in water	SPECIFIC GRAVITY:	1.4 g/cm ³
VAPOR DENSITY:	No Data	PERCENT VOLATILE:	No Data
VAPOR PRESSURE:	No Data	MOLECULAR WEIGHT:	No Data
VOC WITH WATER (LBS/GAL):	No Data	WITHOUT WATER (LBS/GAL):	No Data

SECTION 11: STABILITY AND REACTIVITY

THERMAL STABILITY: **STABLE** **UNSTABLE**

CONDITIONS TO AVOID (STABILITY): Avoid extreme heat.

INCOMPATIBILITY (MATERIAL TO AVOID): None known.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon dioxide, carbon monoxide, hydrocarbons

HAZARDOUS POLYMERIZATION: None known

SECTION 12: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:
Information on toxicological effects

- **Acute toxicity:**
 - **Primary irritant effect:**
 - **on the skin:** May irritate the skin.
 - **on the eye:** May irritate the eye.
 - **Sensitization:** No sensitizing effects known.
 - **Additional toxicological information:**
-

Due to the form of this product, exposure to the potentially carcinogenic components is not expected.

SECTION 13: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:**Toxicity**

- **Aquatic toxicity:** Not expected to be harmful to aquatic organisms.
- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Do not allow product to reach ground water, water course or sewage system.

SECTION 14: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Incinerate or dispose of in a licensed facility. Do not discharge into drains, surface waters or groundwaters. Containers should be disposed of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of containers.

SECTION 15: TRANSPORTATION INFORMATION

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA: Not Applicable

CERCLA: Not Applicable

SARA Not Applicable

311/312 HAZARD CATEGORIES: Not Applicable

313 REPORTABLE INGREDIENTS: Ammonium hydroxide

CALIFORNIA PROPOSITION 65: Not Applicable

Other state regulations may apply. Check individual state requirements. The following components appear on one or more of the following state hazardous substances lists:

Chemical Name	CAS #	CA	MA	MN	NJ	PA	RI
Aluminum Trihydrate	21645-51-2	No	No	No	No	No	No
Titanium Dioxide	13463-67-7	No	No	Yes	Yes	Yes	Yes
Zinc Oxide	1314-13-2	Yes	No	Yes	Yes	Yes	Yes
Propylene Glycol	57-55-6	No	No	Yes	Yes	No	Yes

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: None.

DATE OF PREVIOUS SDS: October 2015

CHANGES SINCE PREVIOUS SDS: Changes to Sections 2, 3, 9, and 15.

This information relates to the specific material designated and may not be valid for such material used on combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee, expressed or implied, is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license of valid patents.